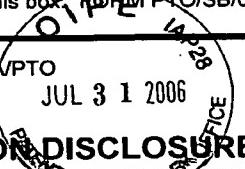


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Sheet	1	of	4
		Application Number	10/550,856
		Int'l Filing Date	03/24/2004
		First Named Inventor	Stephen Ludwig, et al.
		Group Art Unit	Unassigned 1654
		Examiner Name	Unassigned Julie Ha
		Attorney Docket Number	7003/45

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Issue Date MM-DD-YYYY
		Number	Class/Subclass		

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/J.H./	1.	HEIKE FESQ, et al., "Programmed Cell Death (Apoptosis) in Human Monocytes Infected by Influenza A Virus, <i>Immunobiol.</i> , 1994, vol. 190, pp. 175-182.		
/J.H./	2.	ISAMU MORI, et al., "In Vivo Induction of Apoptosis by Influenza Virus", <i>Journal of General Virology</i> , 1995, vol. 76, pp. 2869-2873.		
/J.H./	3.	TAKENORI TAKIZAWA, et. al., "Induction of Programmed Cell Death (Apoptosis) by Influenza Virus Infection In Tissue Culture Cells", <i>Journal of General Virology</i> , 1993, vol. 74, pp. 2347-2355.		

Examiner Signature	/Julie Ha/	Date Considered	05/20/2008
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	5.	HANA VAN CAMPEN, et al., "Destruction of Lymphocytes by a Virulent Avian Influenza A Viruses", <i>J. Gen. Virol.</i> , 1989, vol. 70, pp. 467-472.		
	6.	LARISA V. GUBAREVA, et al., "Evidence for Zanamivir Resistance in an Immunocompromised Child Infected with Influenza B Virus", <i>The Journal of Infectious Diseases</i> , 1998, vol. 178, pp. 1257-1262.		
	7.	C. SCHOLTISSEK, et al., "Failure to Obtain Drug-Resistant Variants of Influenza Virus After Treatment with Inhibiting Doses of 3-Deazaadenosine and H7", <i>Archives of Virology</i> , 1991, vol. 119, pp. 111-118.		
	8.	PHILLIP D. ZAMORE, et al., "RNAi: Double-Stranded RNA Directs the ATP-Dependent Cleavage of mRNA at 21 to 23 Nucleotide Intervals", <i>Cell</i> , March 31, 2000, vol. 101, pp. 25-33.		
	9.	YUICHI WATANABE, et al., "Role of Phosphatidylserine Exposure and Sugar Chain Desialylation at the Surface of Influenza Virus-Infected Cells in Efficient Phagocytosis by Macrophages", <i>The Journal of Biological Chemistry</i> , Issue of May 17, 2002, vol. 277, no. 20, pp. 18222-18228.		
	10.	THOMAS TUSCHL, et al., Targeted mRNA Degradation by Double Stranded RNA in Vitro, downloaded from <a href="http://www.genesdev.org">www.genesdev.org</a> on April 13, 2006, pp. 3190-3197.		
/J.H./	11.	TERRANCE M. TUMPEY, et al., "Depletion of Lymphocytes and Diminished Cytokine Production in Mice Infected with a Highly Virulent Influenza A (H5N1) Virus Isolated from Humans", <i>Journal of Virology</i> , July 2000, vol. 74, no. 13, pp. 6105-6116.		

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/J.H./	12.	NANCY A. THORNBERRY, et al., "Caspases: Enemies Within", <i>Science</i> , August 28, 1998, vol. 281, pp. 1312-1316.		T <sup>2</sup>
	13.	MUNEESH TEWARI, et al., "Yama/CPP32β, a Mammalian Homolog of CED-3, is a CrmA-Inhibitable Protease that Cleaves the Death Substrate Poly(ADP-Ribose) Polymerase", <i>Cell</i> , June 2, 1995, vol. 81, pp. 801-809.		
	14.	STEPHAN PLESCHKA, et al., "A Plasmid-Based Reverse Genetics System for Influenza A Virus", <i>Journal of Virology</i> , June 1996, pp. 4188-4192.		
	15.	STEPHAN PLESCHKA, et al., Influenza Virus Propagation is Impaired by Inhibition of the Raf/MEK/ERK Signalling Cascade", <i>Nature Cell Biology</i> , March 2001, vol. 3, 7 pages.		
	16.	CHRISTOPHER W. OLSEN, et al., "bcl-2 Alters Influenza Virus Yield, Spread, and Hemagglutinin Glycosylation", <i>Journal of Virology</i> , January 1996, vol. 70, no.1, pp. 663-666.		
	17.	ROBERT E. O'NEILL, et al., "The Influenza Virus NEP (NS2 Protein) Mediates the Nuclear Export of Viral Ribonucleoproteins", <i>The EMBO Journal</i> , 1998, vol.17, no. 1, pp. 288-296.		
	18.	STEPHEN LUDWIG, et al., "Influenza Virus-Induced AP-1-Dependent Gene Expression Requires Activation of the JNK Signaling Pathway", <i>The Journal of Biological Chemistry</i> , vol. 276, no.14, issue of April 6, 2001, pp. 10990-10998.		
/J.H./	19.	STEPHEN LUDWIG, et al., "Influenza A Virus NS1 Protein Inhibits Activation of Jun N-Terminal Kinase and AP-1 Transcription Factors", <i>Journal of Virology</i> , vol. 76, no. 21, Nov. 2002, pp. 11166-11171.		

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/J.H./	20.	REINER U. JÄNICKE, et al., "Caspase-3 is Required for DNA Fragmentation and Morphological Changes Associated with Apoptosis", <i>The Journal of Biological Chemistry</i> , vol. 273, no.16, issue of April 17, 1998, pp. 9357-9360.			
	21.	VIRGINIA S. HINSHAW, et al., "Apoptosis: A Mechanism of Cell Killing by Influenza A and B Viruses", <i>Journal of Virology</i> , vol. 68, no. 6, June 1994, pp. 3667-3673.			
	22.	LAVINA FALEIRO, et al., "Caspases Disrupt the Nuclear-Cytoplasmic Barrier", <i>The Journal of Cell Biology</i> , vol. 151, no. 5, November 27, 2000, pp. 951-959.			
	23.	QUINN L. DEVERAUX, et al., "X-Linked IAP is a Direct Inhibitor of Cell-Death Proteases", <i>Nature</i> , vol. 388, July 17, 1997, pp. 300-304.			
	24.	GERALD M. COHEN, "Caspases: The Executioners of Apoptosis", <i>Biochem J.</i> , 1997, vol. 326, pp. 1-16.			
	25.	WEISAN CHEN, et al., "A Novel Influenza A Virus Mitochondrial Protein That Induces Cell Death", <i>Nature Medicine</i> , December 2001, vol. 7, no.12, pp. 1306-1312.			
↓	26.	THIJN R. BRUMMELKAMP, et al., "A System for Stable Expression of Short Interfering RNA's in Mammalian Cells", <i>Science</i> , April 19, 2002, vol. 296, pp. 550-553.			
/J.H./	27.	SIDDHARTH BALACHANDRAN, et al., "Alpha/Beta Interferons Potentiate Virus-Induced Apoptosis Through Activation of the FADD/Caspase-8 Death Signaling Pathway", <i>Journal of Virology</i> , February 2000, pp. 1513-1523.			

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